

Gene Ontology Tree: Cellular Component

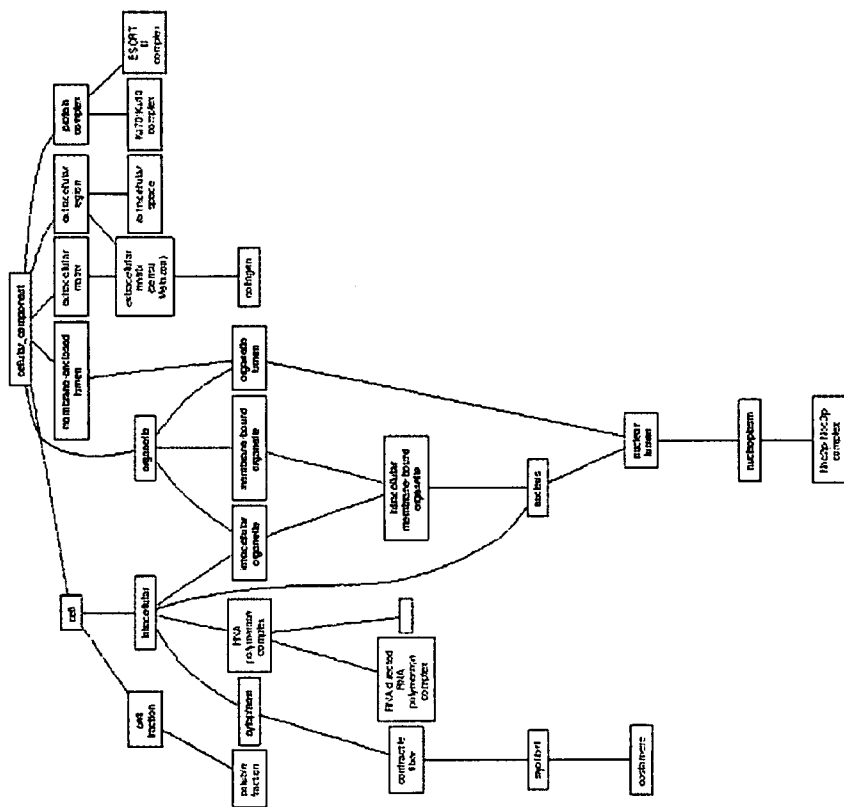


Fig. 14c 複数ロットのヒト骨髄由来間葉系幹細胞の間のばらつき (CV値) の大きい遺伝子に関するオントロロジー解析 (Cellular Component) 6ロット (継代数7または9) のCV値の高い top 1000 Probe Setsを抽出、継代数9の細胞についても top 1000を抽出し、継代数7と9の top 1000に共通して含まれる 428 Probe Setsを抽出した。GOTM* (Vanderbilt Univ)を用い、上記Probe Setの集団に有意($P < 0.01$)に濃縮される生理機能を探索した。赤: 有意($P < 0.01$)に濃縮されるオントロロジークラスター

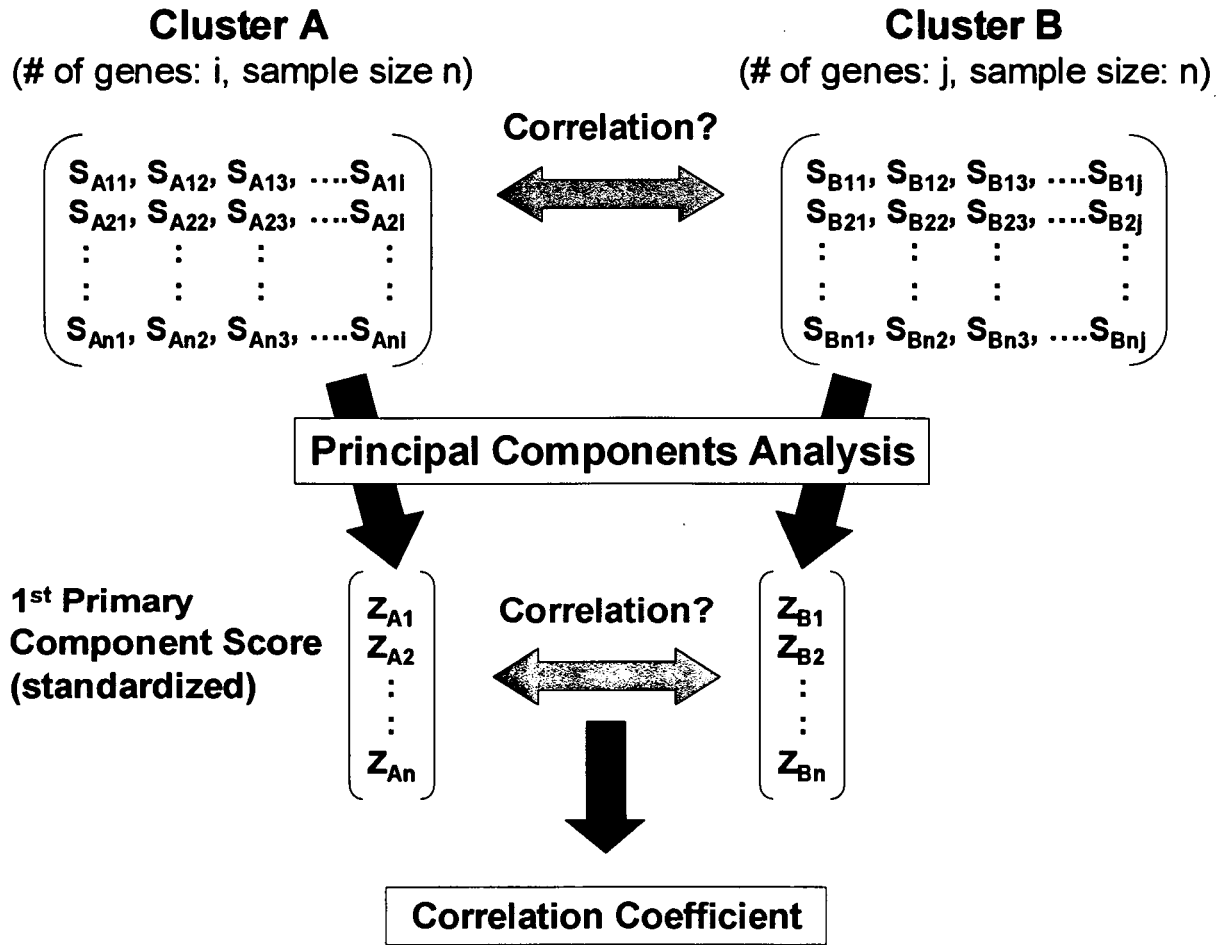


Fig.15 遺伝子オントロジークラスター間の相関関係の検討
 相関係数として、スピアマンの順位相関係数を採用し、 $P < 0.001$ をもって有意な相関係数と判定した。

研究成果の刊行に関する一覧表

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